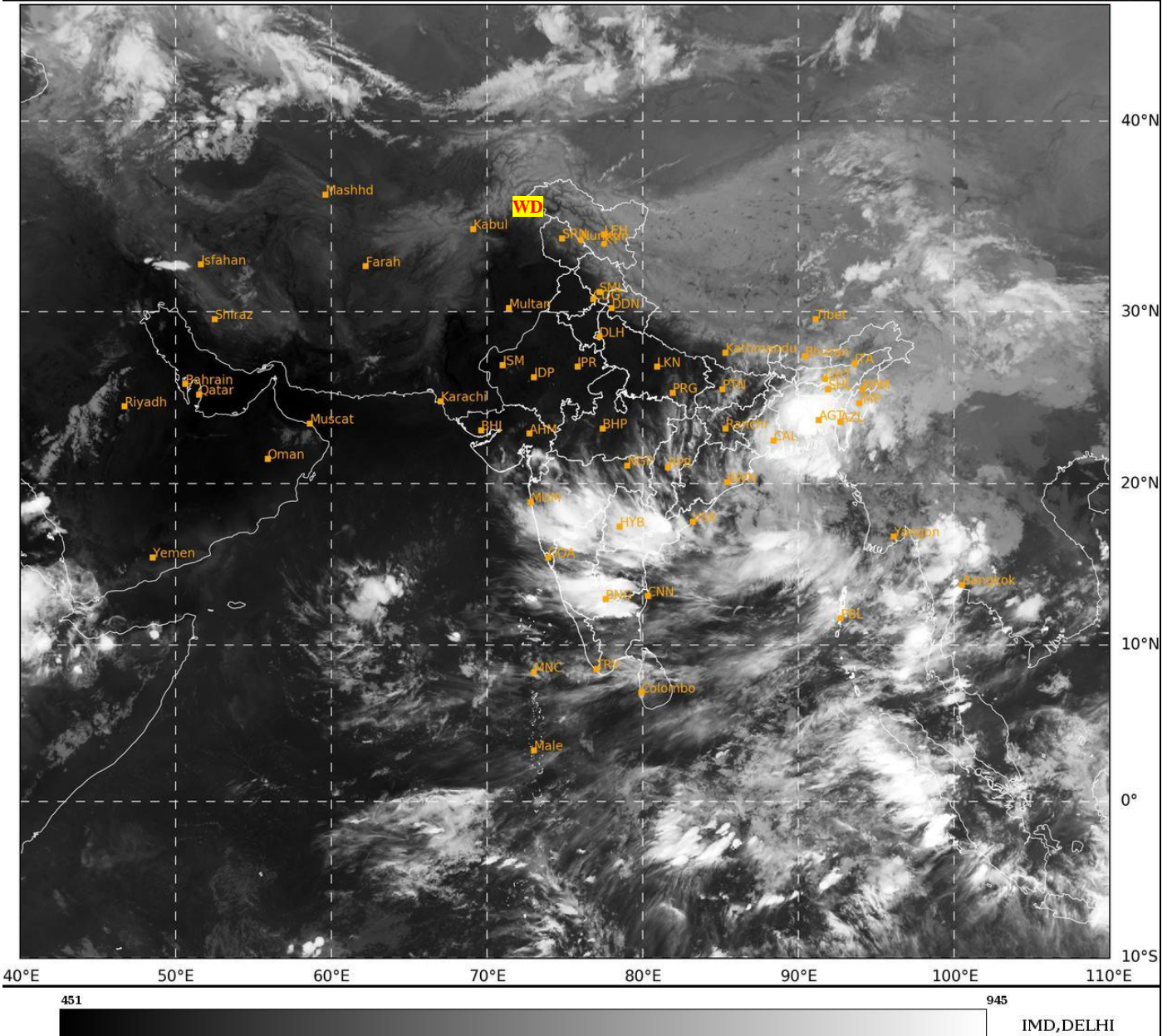




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
02.10.2024 TIME 1800 UTC

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

02-10-2024/(1645 to 1712) GMT
02-10-2024/(2215 to 2242) IST



TCIN50 DEMS 021800

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 021645 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

CONVECTION OVER NORTH BAY & N/HOOD:-

INTENSE TO VERY INTENSE CONVTN OVER NORTH & CENTRAL BAY AND N/HOOD PERSIST (MINIMUM CTT MINUS 75-90 DEG CEL) (.)

CONVECTION OVER SOUTH-EAST ARSEA & N/HOOD:-

MODERATE TO INTENSE CONVTN OVER SE ARSEA LKSDP ILS & MALDIVES AREA PERSIST (.)

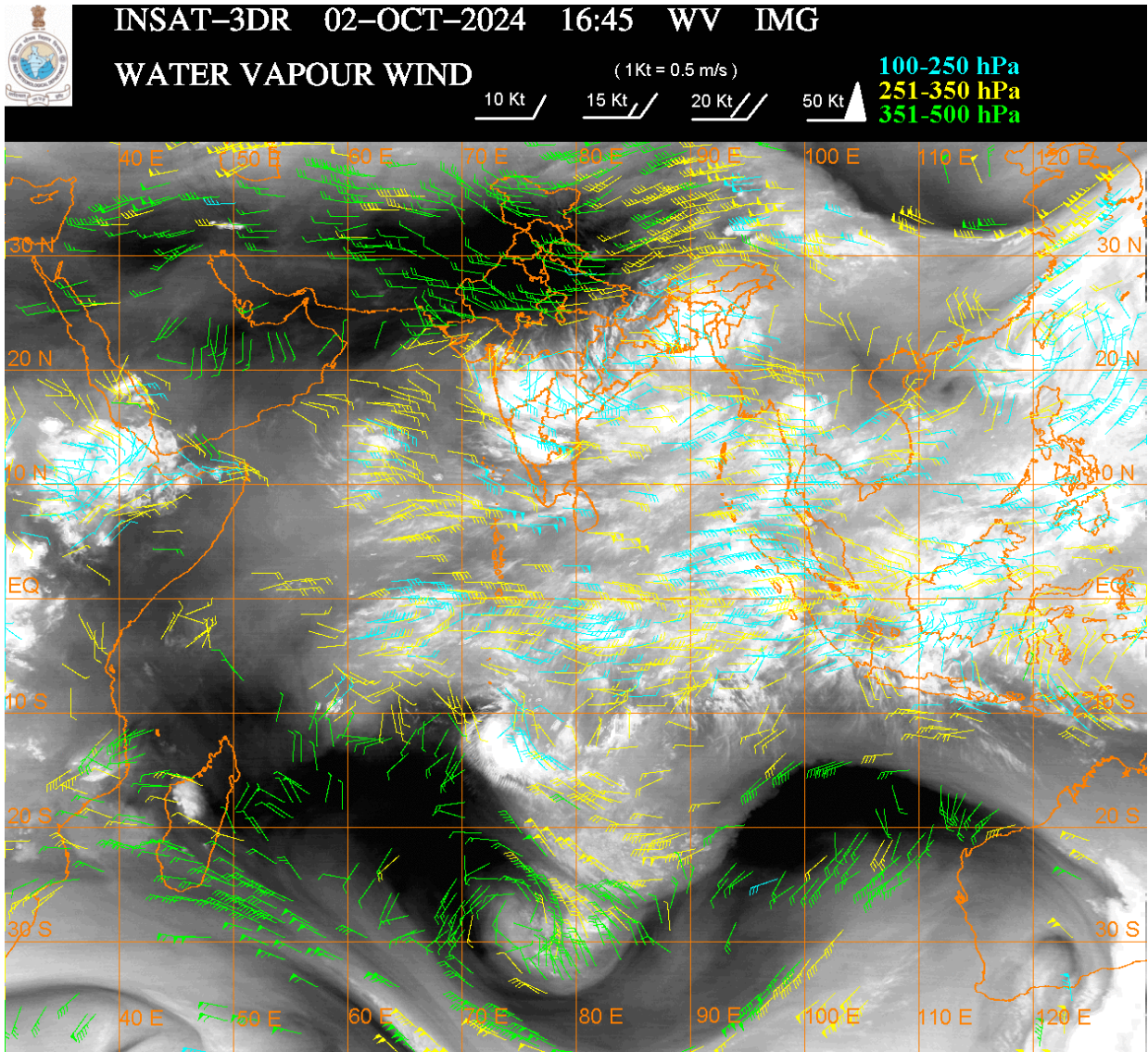
WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXT N PAK NORTH LADAKH & N/HOOD IN ASSW WD OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

**INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED EAST
GWB SE ASSAM MIZO TRP & S BD SE GUJ MADHYA MAHA S KKN KRNTK TLNGN S RYLSM
COTL AP N TN (MINIMUM CTT MINUS 70-90 DEG CEL) (.)**

**MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER S
BHR JHRKND CHTGH ORS W GWB SHWB SKM MEGHA REST ASSAM NAGA MANI S MP SW
GUJ REST MAHA N RYLSM N KER ANDAMAN ILS (MINIMUM CTT MINUS 50-70 DEG CEL) (.)**



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADKAH N UTRKND
SE UP (.) ISOL TO SCT LOW/MED CLOUDS OVER J&K HP S UTRKND (.)**

EAST:-

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ASSAM MIZO
TRP & S BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH ORS
GWB SHWB SKM MEGHA REST ASSAM NAGA MANI AND WK TO MOD CONVTN OVER BHR
JHRKND ARUPR (.)**

WEST:-

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE GUJ MADHYA
MAHA S KKN (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW GUJ
REST MAHA AND WK TO MOD CONVTN OVER NE&S MP (.) SCT LOW/MED CLOUDS OVER RAJ
NW MP N GUJ GOA (.)**

SOUTH:-

**SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER KRNTK TLNGN S
RYLSM COTL AP N TN (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER
N RYLSM N KER ANDAMAN ILS AND WK TO MOD CONVTN OVER S KER S TN LKSDP ILS
NICOBAR ILS (.)**

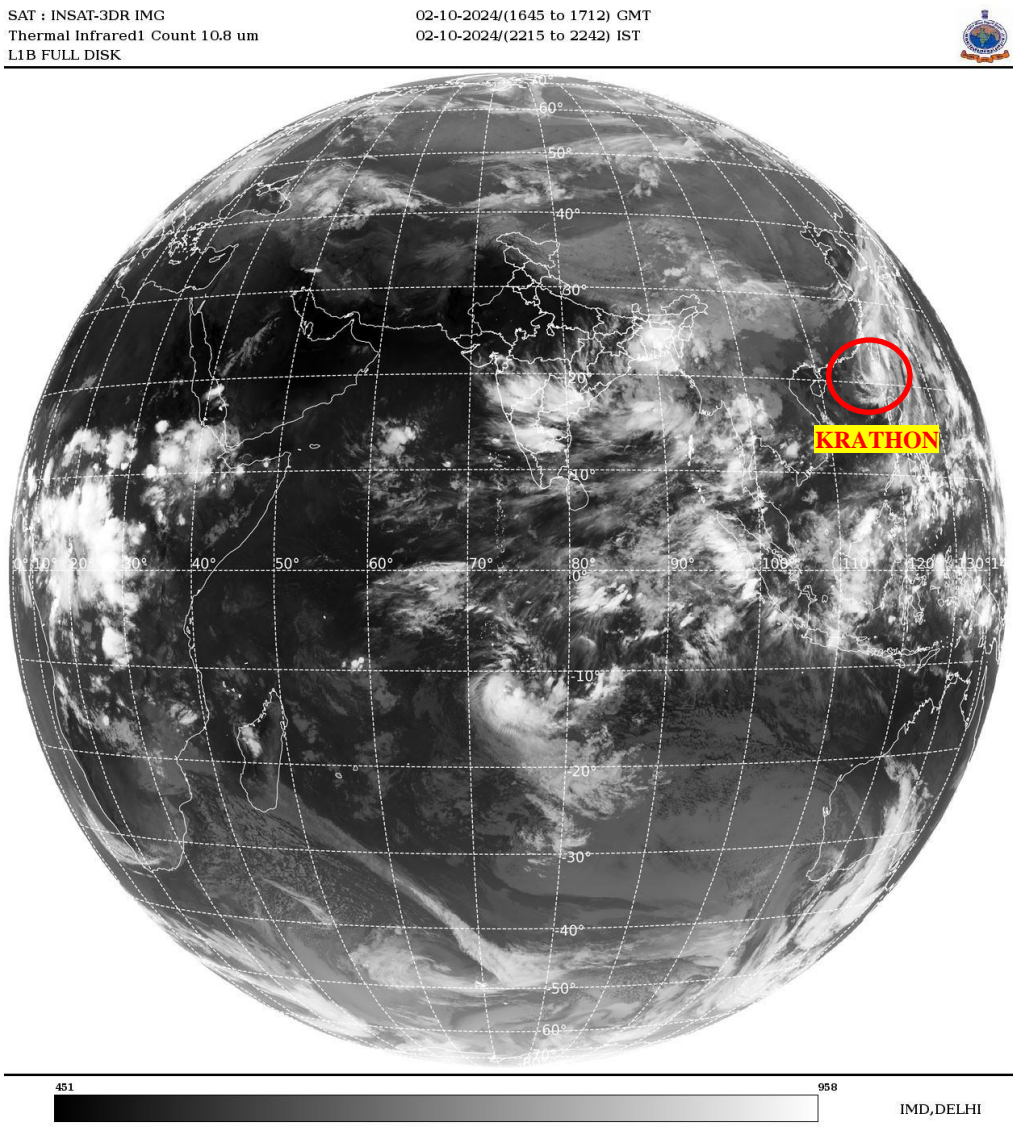
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL & SOUTH ARSEA & LKSDP ILS AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER MALDIVES & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH & CENTRAL BAY AND ARAKAN COAST (MINIMUM CTT MINUS 75-90 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH BAY ANDAMAN SEA GULF OF MARTABAN & TENASSERIM COAST (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



VORTEX (KRATHON) OVER EAST CHINA SEA:-

VORTEX (KRATHON) OVER EAST CHINA SEA (AREA F05) CENTERED NEAR 22.0N / 119.6E (.) INTENSITY T4.5/5.5 (.) MAXIMUM SUSTAINED WINDS OF 90-119 KTS (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 16.0N TO 25.0N LONG 115.0E TO 125.0E & NORTH PHILIPPINES TAIWAN (MINIMUM CTT MINUS 93 DEG CEL) (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 110.0E AND BET LAT 10.0S TO 30.0S LONG 70.0E TO 90.0E (.)

TOO 02/2315 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS WB SKM NORTH- EAST STATES
	WEST	RAJ MP GUJ MAHA GOA
	SOUTH	TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS
CLOUD DISTRIBUTION	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)
	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP TEMPERATURE	CTT	CLOUD TOP TEMPERATURE
CONVECTION	WK CONVTN	WEAK CONVECTION (CTT GREATER THAN -25°C)
	MOD CONVTN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)
	INT CONVTN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)
	V INT CONVTN	VERY INTENSE CONVECTION (CTT LESS THAN -70°C)
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERRITORIES	ARUPR	ARUNACHAL PRADESH
	BHR	BIHAR
	CHTGH	CHHATTISGARH
	COTL AP	COASTAL ANDHRA PRADESH
	COTL KRNTK	COASTAL KARNATAKA
	COTL ORS	COASTAL ORISSA
	GUJ	GUJARAT
	GWB	GANGETIC WEST BENGAL
	HARY	HARYANA
	DLH	DELHI
	HP	HIMACHAL PRADESH
	J&K	JAMMU AND KASHMIR
	JHRKND	JHARKHAND
	KER	KERALA
	KKN	KONKAN
	LKSDP	LAKSHADWEEP
	M MAHA	MADHYA MAHARASHTRA
	MAHA	MAHARASHTRA
	MANI	MANIPUR
	MEGHA	MEGHALAYA
	MIZO	MIZORAM
	MP	MADHYA PRADESH
	MRTHWD	MARATHWADA

	NAGA	NAGALAND
	N COTL AP	NORTH COASTAL ANDHRA PRADESH
	NIK	NORTH INTERIOR KARNATAKA
	ORS	ORISSA
	PJB	PUNJAB
	RAJ	RAJASTHAN
	RYLSM	RAYALASEEMA
	SAU & KUTCH	SAURASHTRA & KUTCH
	SHWB	SUB-HIMALAYAN WEST BENGAL
	SIK	SOUTH INTERIOR KARNATAKA
	SKM	SIKKIM
	TLNGN	TELANGANA
	TN	TAMIL NADU
	TRP	TRIPURA
	UP	UTTAR PRADESH
	UTRKND	UTTARAKHAND
	VID	VIDHARBHA
	SHWB	SUB HIMALAYAN WEST BENGAL
	GWB	GANGETIC WEST BENGAL
	ARSEA	ARABIAN SEA
	ILS	ISLANDS
MISCELLANEOUS	ASSW	IN ASSOCIATION WITH
	ASSTD	ASSOCIATED
	LLC	LOW LEVEL CIRCULATION
	EMBDD	EMBEDDED
	N/HOOD	NEIGHBOURHOOD
	EXT	EXTREME